

TO: Suborbital Science Program
NASA Headquarters
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Flight Report

Aircraft :	Kenn Borek Air DC-3T Basler
Operating Site(s) From / To :	Casey Skiway /Casey Skiway
Flight Date :	December 27, 2009 (AEDT)
Flight Number / Data Flight # :	F28 / 25
Time out:	0317 UTC
Time in:	0910 UTC
Flight Time :	5.6 hrs
Flt Request # / PI:	NASA 20090602-084128 (Blankenship)
Purpose of Flight :	Data [X] Ferry [] Functional Check [] Other []
Sensor Payload :	University of Texas at Austin HiCARS ice penetrating radar; UT Reigl LD-90 laser distance meter; UT Geometrics 823-A magnetometer; USAF Sigma Space photon counting lidar, NGA BGM-3 gravity meter
Comments :	The aircraft flew on its ninth survey flight over the Aurora Subglacial Trench region. The primary target were coast parallel tie lines along the Vanderford Subglacial Trench, which holds the mouths of both Totten and Vanderford Glaciers. All systems performed excellently.

SUBMITTED BY: Duncan Young 30 December 2009